

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A method of service-chaining a client device request for service, comprising:

receiving a client device request for an application program service at a first physical server;

determining with a service-chaining module of said first physical server an identity of a second physical server within a distributed environment that is able to service ~~stores~~ said request for said application program service associated with said client device request ~~for said application program~~; and

transmitting a message object from said first physical server to said second physical server to enable said second physical server to service ~~transmit~~ said application program service to said client device in response to said client device request transmitted to said first physical server.

2. (currently amended) The method according to claim 1, further comprising:

receiving said message object at said second physical server; and

initiating a servicing of said client device request for said service ~~application~~ at said second physical server.

3. (canceled)

4. (currently amended) The method according to claim 1, further comprising:

determining said identity of said second physical server from a pre-defined profile; and

selecting said second physical server from among a plurality of possible physical servers, said selected second physical server having a most efficient path for providing said service for ~~transferring said application program associated with said client device request for said application program.~~

5. (currently amended) The method according to claim 1, further comprising:

packaging said client device request for said service ~~application program~~ and a storage location of said service ~~application program~~ into an itinerary; and

forwarding said itinerary to said second physical server.

6. (currently amended) The method according to claim 5, further comprising:

completing a first service associated with said client device request for said service ~~application program~~, on said second physical server; and

initiating a second service from said second physical server in response to said completion of said first service.

7. (currently amended) A method of service-chaining a client device request for service, comprising:

determining with a service-chaining module of a first physical server an identity of a second physical server within a distributed environment that is able to provide a service ~~stores a request~~<sup>[[ed]]</sup> for an application program service associated with a client device request transmitted to said first physical server; and

transmitting a message object containing data associated with said client device request for said service ~~application program~~ to said second physical server;

wherein said second physical server is enabled to provide said service ~~transmit supply said application program~~ to said client device in response to said client device request transmitted to said first physical server.

8-25. (canceled)